

164

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/349,954A

PATE: 01/02/2001 ENTERED

436

Imput Set : A:\ES.txt output set: N:\CRF3\01022001\1349954A.raw

```
4 :10 - APPLICAME: Harward, Micholas K.
        Jackers Funther
        Grammond Sean
        Nordenskjold, Hagnus
        larsson, Catharina
40 +120 > 1174E OF INVENTION: A HOVEL GROWTH PACTOR AND A GENETIC SEQUENCE ENCODING
       SAME
13 - 1592 Fine Pirekence: Day, Col. Caro
15 TAOS CORRENT APPLICATION NUMBER: D9/349.574A
to <141> CURRENT FILING DATE: 1999-07-08
.s -150> PRIOR APPLICATION NUMBER: 08/765.588
19 - :51 - PRIOR CILING DATE: 1996-02-12
Li 1150% NO BER OF SEQ ID NOS: 22
23 <170> SOFTWARE: Patentin Ver. 2.1
25 KI102 SEO 1D NO: 1
26 - 211 > LENGTH: 549
27 212× TYPE: DNA
28 2132 OPTAMISM: Nucleotide Sequence of VEGF165
50 ×230× FEATURE:
-1 - 221> MARG/KDY: CDS
52 <2225 LOCATION: (17)..(589)
34 - 190 > SEQUENCE: 1
35 toggreented galace and ago but erg objects tag grip can tag ago out 52
                    Mot Ash Pho Lou Lou Ser Trp Val His Trp Ser Lou
38
                    1 '5
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40 geo thg chy cho had cho dad cut god aug tig hoo day got gou doo
12 Ala Lea Lea Lea Tyr Lea His His Ala Lys Trp Ser Gin Ala Ala Pro-
       1, 5
                             2.0
                                                 25
15 and gea goo ago goo goo can abt cat can do gtd gtd lad the atg
17 Met Ala Glu Gly Gly Gly Gln Ash His His Glu Val Val wys Phe Met
48 30
                      3.5
                                             4.0
50 gat gto hat day ego ago tad igo cal eda ato gag acc etg gig gad
52 Asp Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp
                      50
55 ato the cay gag had ect gat gag ato gag had ato the dag eca her
                                                                   244
57 He Pho Gin Giu Tyr Pro Asp Giu Tie Giu Tyr Tie Pho tys Pro Ser
                                     7 n
53
                6.5
60 lift glg coe etg alig ega the dog dhe life the aut dae gan age elig
62 Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu Gly Leu
63 80
                                 85
65 gay tot gig one act gag gay ton abe atc and ally dag att atg dag
                                                                   340
67 Glu Cys Val Pro Thr Glu Glu Ser Asn tie Thr Met Gln Lie Met Arg
                           100
70 ato ana cer cao caa ggo dug cao ata ggo gag atg ago the cta dug
                                                                   388
72 The {\rm Lys} Pro His Gln Gly Gln His The Gly Glu Met. Ser Phe Leu Gln
7.3 11.0 11.5 12.0
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75 can aac aaa lgt gaa lgc aga cca aag aaa gal aga gca aga caa gaa

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'JAN 10 2001

TECH CENTER 1600/2900

RAW SEQUENCE LISTING .W.IL: 01/62/2001
PATENT APPLICATION: US/09/349,954A .HME: 10:27:13

Imput Set : A:\ES.txt

Output Set: N:\CRF3\01022001\1349954A.raw

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48 190
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104 -210> SEQ 10 Not 2
195 | 211> LENGTH: 191
106 | 2125 TYPE: PRI
107 21% ORGANISM: Mucleotide Sequence of VEGF165
109 400> SEQUENCE: 2
110 Mer Asi Phe Leu Bou Ser Tip Val His Trp Ser Leu Ata Leu Leu Leu
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114 20
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117 35
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119 Arg Sor Fyr Cys His Pro Ite Clu Thr Lou Val Asp Ite Phe Clu Glu
120 50
                 55
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123 65
              7.0
125 Met Arg Cvs Gly Gly Cvs C/s Asa Asp Gla Gly Lea Gla Cvs Val Pro
            8.5
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128 Phr Glu Glu Ser Ash The The Met Gln The Met Arg The Lys Pro His 129 $100$
131 Olm GLy Glm His fie Gly Glu Met Ser Phe Lem Glm His Asm Lys Gys 132 \, . 125 \,
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1.4~{
m Glu} Cys Ard Pro Lys Lys Asp Arg Ala Arg Glu Glu Asn Pro Cys Gly
155 130 155
                                          110
137 Pro Cvs Ser Glu Arg Arg Lys His Lew Phe Val Glu Asp Pro Glu Thr
138 145 150
                             155
110 CVs Lys Cys Ser Cys Lys Ash Thr Asp Ser Arg Cys Lys Ala Arg Gln 141 - 165 - 170 - 175
$170$ Leu Glu Leu Asn Glu Arg Thr Cys Aig Cys Asp Lys Pro Arg 144 $180$
          180
148 -210> SEQ ID NO: 3
149 -211> LENGTH: 1094
150 <212> TYPE: DNA
151 <213> ORGANISM: Nucleotide Sequence of SOM175
153 <220> FEATURE:
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## RAW SEQUENCE LISTING

PAPENT APPLICATION: US/09/349,954A

DAPL: 01/02/2001 TIME: 10:27:13

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296		145					150					155					
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		Ser	5to	Αla	Asp		The	His	$\mathrm{Pr}\omega$	13:0		ALa	Pio	$\operatorname{GL}_{\mathcal{I}}^{\omega}$	Pro		
211						165					170					175	
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JAN 102001

TECH CENTER 1800/2800

RAW SEQUENCE LISTING DATE: 01/0:/2001 PAIENT APPLICATION: US/09/349,954A PIME: 10:27:17

Imput Set : A:\ES.txt

output Set: N:\CRF3\01022001\1349954A.raw

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173 190 105 110
275 dlu Met Ser Leu Glu din His Ser Glu Czs Glu Czs Arg Pro Lys & s
                                          1.10
   18 lis Asp Son Ala Val Los kno Asp Ang Ata Ma Tho kno His His Ang
           1.39
                                      135
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28) Fro Ola Fro Gra Ser Val Pro Gly Trp Asp Set Ala Pro Gly Ala Pro
282 145
                          to L
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201 Sec Pro Ala Asp Do The His Pro The Pro Ala Pro Gly Pro Sor Ala
285 175 170 175
28" His Ala Ala Pro Ser Phr Thr Ser Ala Leu Thr Pro Cly Pro Ala Ala
                                                  185
200 Ala Ala Ala Asp Ala Ala Ala Ser Ser Val Ala Lys Gly Gly Ala
241 195
                                                200
295 21c> SEC 4D NO: 5
296 - 2012 BENGTH: 993
297 (2)25 TYPE: DNA
298 213> ORGANISM: North Seq. of SOM175 Absent Exon 6
JOHN ZZON PERTURE:
FOI - 221 - H/ME/REY: CDS
-95 - 222 | MOCATION: (3)..(566)
304 + 400 > FEGUENCE: 5
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         Met Ser Pro Leu Lou Arg Arg Leu Leu Leu Ala Ala Leu Leu Sin
3 16 15
310 old goo occ god hag god oct gro too dag oct gat doo oct ggo dad
old Len Ala Pro Ala Gin Ala Pro Val Ser Gin Pro Asp Ala Pro Gly His
                                      20
                                                                               2.5
315 may agy awa giry ntg too tigg ata got gtg fat act ngh got ach tign
317 Olm Arg Lys Val Val Ser Erp Tle Asp Val Tyr Thr Arg Ala Thr Cys
                                                                         4.0
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 RAW SEQUENCE LISTING
 DATE: 01/02/2001

 PATENT APPLICATION: US/09/349,954A
 DATE: 10:27:13

Imput Set : A:\ES.txt

Output Set: N:\CRF3\01022001\1349954A.raw

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	141.1																131
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	i. Ir.							,				,					17.1
	1114		11(1	Gin	His	His		Ard	PTO	Asp	MIO		Thr	CVS	910	CVS	
4 3 4		145					150					155					
	eqc.																527
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	100					185					170					175	
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303	Leu	ASII	FTO	ASP	180	CŽS	AL 9	cys	Arg	185	1.611	Ard	Arg				
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391	1				5					10					15		
396	Ala	Pro	Ala	Cln	Ala	$\Gamma(\Gamma))$	Val	Ser	tiln	Pro	Asμ	Ala	Pro	G17	His	Gln	
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403		50					55					6.0		,			
403	Ala 65	50					55					6.0		,			

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JAN 102001

TECH CENTER 1600/2900

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/349,954A

EAIL: 02/02/2001 FIME: 10:27:14

Input Set : A:\ES.txt
Ontput Set: N:\CRF3\01022001\1349954A.raw